

PATENT

Docket No. 275.0008 0101

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): GANAPATHY et al.) Group Art Unit: 1642
Serial No.: 10/718,359) Examiner: Unassigned
Confirmation No.: 3660)
Filed: November 20, 2003)
For: NaCT AS A TARGET FOR LIFESPAN EXPANSION AND WEIGHT
REDUCTION

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Commissioner for Patents
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Alexandria, VA 22313-1450

FAX NUMBER: (703) 872-9306
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Dear Sir:

The following papers are being transmitted to the Patent and Trademark Office by facsimile transmission: SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (2 PGS);
1449 FORM (1 PG); COPY OF INTERNATIONAL SEARCH REPORT (3 PGS);
COPY OF ONE DOCUMENT LISTED ON 1449 FORM (21 PGS)

PLEASE CHARGE ALL FEES TO DEPOSIT ACCOUNT NO. 13-4895

☒ Small Entity Status is entitled to be asserted in the above-identified application.

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 13-4895.

Mueting, Raasch & Gebhardt, P.A.
Customer Number: 26813

January 28, 2005
Date

By: Nancy A. Johnson
Nancy A. Johnson
Reg. No. 47,266
Direct Dial (612)305-4723

CERTIFICATE UNDER 37 C.F.R. §1.8: The undersigned hereby certifies that this Facsimile Cover Sheet and the paper(s), as described hereinabove, are being transmitted by facsimile in accordance with 37 CFR §1.6(d) to Commissioner for Patents, Mail Stop Amendment, P.O. Box 1450, Alexandria, VA 22313-1450, on this 28 day of Jan., 2005, at 9:30 (Central Time).
A.M.

1-28-05
Date

Signature: Sandy Truehart
Name: Sandy Truehart

If you do not receive all pages, please contact us at (612)305-1220 (ph) or (612)305-1228 (fax).

PATENT
Docket No. 275.0008 0101

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Group Art Unit: 1642
Examiner: Unknown

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the continuing duty of candor and good faith that is to be demonstrated before the United States Patent and Trademark Office (USPTO), enclosed is a copy of one document cited in an International Search Report of PCT Application No. PCT/US03/37054, which is not already of record in the present application. Enclosed for the Examiner's information is a copy of the Search Report with the document. Consideration of the document listed on the attached 1449 form is respectfully requested. Pursuant to the provisions of MPEP §609, Applicants further request that a copy of the 1449 form, marked as being considered and initialed by the Examiner, be returned with the next official communication.

It is believed that no fee is due, as this Information Disclosure Statement is filed prior to the receipt of any Action on the merits. However, in the event a fee is due, please charge any fee or credit any overpayment to Account No. 13-4895.

Supplemental Information Disclosure Statement

Page 2 of 2

Serial No. 10/718,359

Confirmation No. 3660

NaCT AS A TARGET FOR LIFESPAN EXPANSION AND WEIGHT REDUCTION

The Examiner is invited to contact Applicants' Representatives at the below-listed telephone number, if they can be of any assistance during prosecution of the present application.

CERTIFICATE UNDER 37 C.F.R. 1.8:

The undersigned hereby certifies that this paper is being transmitted by facsimile in accordance with 37 CFR §1.6(d) to the Patent and Trademark Office, addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 28 day of Jan., 2005, at 9:30 A.M. (Central Time).

Sandy Truehart
Name: Sandy Truehart

January 28, 2005
Date

NAJ/sjt

Respectfully submitted for
GANAPATHY et al.

By
Mueing, Raasch & Gebhardt, P.A.
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PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 275.0008 0201	FOR FURTHER ACTION	see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.
International application No. PCT/US03/37054	International filing date (day/month/year) 20 November 2003 (20.11.2003)	(Earliest) Priority Date (day/month/year) 22 November 2002 (22.11.2002)
Applicant MEDICAL COLLEGE OF GEORGIA RESEARCH INSTITUTE, INC.		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 3 sheets.



It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the Report

a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing:

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☒ furnished subsequently to this Authority in written form.

☒ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

2. ☐ Certain claims were found unsearchable (See Box I).

3. ☐ Unity of invention is lacking (See Box II).

4. With regard to the title,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the drawings to be published with the abstract is Figure No. _____

☐ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.



None of the figures

Form PCT/ISA/210 (first sheet) (July 1998)

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/37054

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C07K 14/00, 16/00; C12N 5/10, 15/11, 15/63; G01N 33/53

US CL : 435/7.2, 320.1, 325; 530/350, 387.1; 536/23.5

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 435/7.2, 320.1, 325; 530/350, 387.1; 536/23.5

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X -- A	WO 2001/71042 A2 (PE CORPORATION NY) 27 September 2001(27.09.2001) see SEQ ID NO:11992 and entire document.	7, 10, 12, 14, 16, 18, 49 1-6, 8-9, 11, 13, 15, 17, 19-48, 50-77

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"Z" document member of the same patent family

Date of the actual completion of the international search

28 September 2004 (28.09.2004)

Date of mailing of the international search report

28 OCT 2004

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US

Commissioner for Patents

P.O. Box 1450

Alexandria, Virginia 22313-1450

Facsimile No. (703) 305-3230

Authorized officer

Michael Pak

Telephone No. 571-272-0507

Form PCT/ISA/210 (second sheet) (July 1998)

INTERNATIONAL SEARCH REPORT

PCT/US03/0054

Continuation of B. FIELDS SEARCHED Item 3:

BRS, PIR, SWISSPROT, GENESEQ, SPTREMBL, GENEMBL, EST, NGENESEQ

search terms: sodium dependent citrate transporter, recombinant DNA

Form PCT/ISA/210 (second sheet) (July 1998)